

Empower Your Lab: BDot Probe Line & CellWriter™ S Precision Meets Performance

From Sample to Signal: Faster, Smarter Cytogenetics Through the Collaboration of Empire Genomics' BDot Line and BioDot's CellWriter S

Streamlined FISH Testing for Hematologic Malignancies

The BDot Line of FISH Probes, developed by Empire Genomics (a BioCare Medical Company), is pre-optimized for seamless integration with the BioDot CellWriter S platform. This powerful pairing simplifies workflow, increases reliability, and conserves precious samples—all while delivering exceptional hybridization clarity.



"We're excited to partner with BioDot to deliver a turnkey hematology FISH solution, combining the precision of Empire Genomics' probes with BioDot's next-gen automation."

— John Steel, SVP, Empire Genomics

Key Benefits of the BDot Line:



Automation-Ready

Pre-formulated for CellWriter™ S, no dilution or prep required. Just load and go.



Conserve Precious Samples

Low-volume, high-precision dispensing preserves limited or valuable specimens.



Validated Across 11 Panels

Covers; MM, AML, CLL, ALL, CML, MDS, and more, with robust performance.



Exceptional Signal Clarity

Delivers the quality Empire Genomics is known for, optimized for BioDot's dispensing.



Fast Lab Adoption

Minimizes transition hurdles with plug-and-play functionality.



Scalable Testing

Ideal for high-throughput clinical and research environments.

Now Available

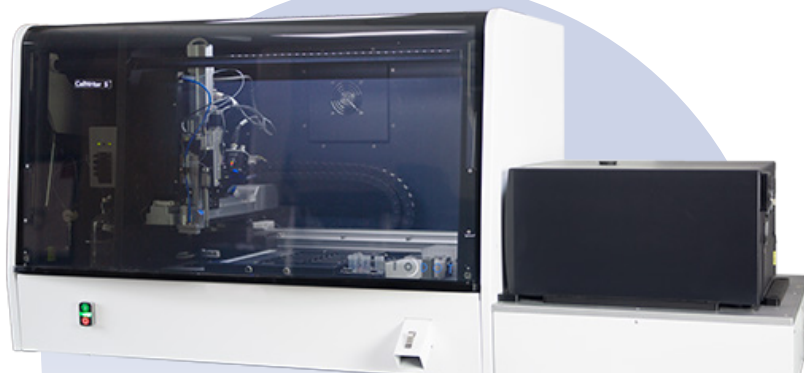
- 11 disease-focused FISH panels
- Proprietary performance control probe
- Fully compatible with CellWriter S workflows

Custom probe options delivered in 2 weeks — packaged in ready-to-use PIMS tubes.

BioDot CellWriter™ S: The New Standard for Automated Cytogenetic Dispensing

Engineered for Cytogenetic Precision

The CellWriter S is BioDot's cutting-edge dispensing platform designed for high-throughput FISH, karyotyping, and FFPE slide preparation. With nanoscale precision and automation, it minimizes waste, boosts consistency, and delivers unmatched signal reliability.



"The CellWriter S paired with BDot Probes marks a leap forward in standardized, automated FISH diagnostics."

– Debbie Bowers, GM, BioDot

Why Labs Trust CellWriter S

Picoliter-Scale Dispensing

Delivers exact reagent volumes—perfect for reproducibility and sample conservation.

BioJet™ + Discrete Droplet Dispensing

Powered by BioDot's proprietary technologies for optimal hybridization and fluid control.

High-Throughput Scalability

Supports fast turnaround and reliable results across high-volume runs.

Reduced Time-to-Results

Eliminates manual prep, increases efficiency, and cuts down workflow bottlenecks.

Globally Adopted

Trusted by cytogenetic and pathology labs across the world for validated performance.

Contact BioDot to book a live demo

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